

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Wednesday, October 13, 1999

MAG Office

Phoenix, Arizona

MEMBERS PRESENT

Jorie Bresnahan for Dick Bowers, City of
Scottsdale, Chairman
*Bill Bates, City of Avondale
Jim Weiss for Patrice Kraus, City of Chandler
Danielle Typinski, Town of Gilbert
Doug Kukino, City of Glendale
Christine Zielonka, City of Mesa
Joe Gibbs for Gaye Knight, City of Phoenix
Mike Short for Mary O'Conner, City of Tempe
Walter Bouchard, Citizen Representative
*Arve Dahl, Citizen Representative
David Feuerherd, Arizona Lung Association
Bobbi Sparrow for W. Knox Ramsey, Jr., Arizona
Automobile Dealers Association
Greg Witherspoon, Salt River Project
Brian O'Donnell, Southwest Gas Corporation
Jim Mikula for Scott Davis, Arizona Public Service
Company
*Gina Grey, Western States Petroleum Association
Randi Alcott for Bryan Jungwirth, Regional Public
Transportation Authority
Dave Berry, Arizona Motor Transport Association
Jeannette Fish for Michael Kidd, Maricopa County
Farm Bureau
*Samuel Aubrey, Arizona Rock Products
Association

*David Martin, Associated General Contractors
*Connie Wilhelm-Garcia, Homebuilders
Association of Central Arizona
H. Maynard Blumer, American Institute of
Architects- Central Arizona
Peter Allard, Valley Forward
*Ian Calkins, Phoenix Chamber of Commerce
*Monica Pastor, University of Arizona - Cooperative
Extension
*Tom Russell, Arizona Nursery Association
Pat Cupell for Stephanie Bondeson, Arizona
Department of Transportation
Peter Hyde for Randy Sedlacek, Arizona
Department of Environmental Quality
Jo Crumbaker, Maricopa County
Environmental Services Department
Mark Ellery for Dennis Ehrhart, Arizona
Department of Weights and Measures
Dennis Mittelstedt, Federal Highway Administration
Judi Nelson, Arizona State University
*James Klinker, Arizona Farm
Bureau
B. Bobby Ramirez, Salt River Pima-Maricopa
Indian Community
David Rueckert, Citizen Representative

*Those members were neither present nor represented by proxy.

OTHERS PRESENT

Allan Kosecki, Maricopa Association of
Governments
Dean Giles, Maricopa Association of
Governments
Cari Anderson, Maricopa Association of
Governments
Andrea Martincic, Tosco
Don Gabrielson, Pinal County Air Quality
Paul Ward, Maricopa Association of
Governments
Sandra Gilbert, Arizona Department of
Transportation
Jerene Watson, City of Goodyear
Tracy Stevens, City of Peoria
Larry Kniper, City of Phoenix
Aaron Iverson, Maricopa County Department of
Transportation

Suzie Stevens, Western States Petroleum
Association
Kelly McMullen, Maricopa County DOT
Chris King, Phoenix Brick Yard
Marcia Colquitt, Arizona Department of
Environmental Quality
Lindy Bauer, Maricopa Association of Governments
Theresa Pella, Arizona Department of Environmental
Quality
Bruce Meyers, Arizona Department of Administration
Edward Stillings, Federal Highway Administration
Mickey Ohland, City of Chandler
Maureen DeCindis, Valley Metro
Mike Branham, City of Surprise
Robert Yabes, City of Tempe
Eric Wersen, City of Tempe

1. Call to Order

A meeting of the Maricopa Association of Governments (MAG) Air Quality Technical Advisory Committee (AQTAC) was conducted on Wednesday, October 13, 1999. Pat Cupell, Arizona Department of Transportation (ADOT), Acting Chairman, began a discussion of the agenda items at 1:35 p.m. since a quorum was not present.

3. Modeling Protocol for the Carbon Monoxide Maintenance Plan

This item was presented out of order since a quorum was not present. Allan Kosecki, MAG, provided a summary of the Modeling Protocol for the Carbon Monoxide Maintenance Plan. Current activities involve the preparation of the Technical Support Document (TSD) which is estimated for completion in December. In addition, activities to be conducted after completion of the maintenance determination were reviewed.

4. Emission Reduction Assessment of Proposed CMAQ Projects

Mr. Cupell indicated that a quorum was now present. He then called the meeting to order. This item was presented out of order. The Pedestrian Working Group joined the AQTAC at this time. Cari Anderson, MAG, provided an overview of the Emission Reduction Assessment of Proposed Congestion Mitigation Air Quality (CMAQ) projects. In response to Federal Highway Administration (FHWA) guidance, this assessment is a new item of information to be considered in this year's project prioritization process. The guidance proposed methodology, and tentative schedule were discussed.

Dennis Mittelstedt, FHWA, asked for clarification regarding the use of combining emission reductions for carbon monoxide (CO), ozone (O₃), and particulate matter with a diameter less than 10 microns (PM₁₀). Ms. Anderson responded that composite emission reduction was developed to provide a consistent level of comparison between projects and to help eliminate pollutant specific issues (e.g., a carbon monoxide reduction being more or less important than a PM₁₀ reduction).

Christine Zielonka, City of Mesa, asked how the emission reduction was calculated. Ms. Anderson responded that 'emission reduction' referred to the total CO plus hydrocarbons (for ozone) plus PM₁₀ emission reduction estimated (in metric tons) from the implementation of the project and that 'emission reduction per CMAQ' was the composite emission reduction divided per \$100,000 in CMAQ requested.

Brian O'Donnell, Southwest Gas Corporation, inquired if a higher Congestion Management System (CMS) score translated to a higher project ranking. Paul Ward, MAG, announced that the CMS score was indicative of several criteria used to evaluate projects. The CMS scoring methodology had received Regional Council approval.

Dave Berry, Arizona Motor Transport Association, questioned whether some of the projects might be in the State Implementation Plan (SIP). Ms. Anderson indicated that almost all of the projects are contained or support implementation of measures in the SIP. As indicated in the footnotes to the table, those projects not contained in the Serious Area plans are highlighted. The committed control measures in the SIP are legally enforceable regardless of funding source. Mr. Berry asked about the

types of projects submitted for funding. Ms. Anderson expressed that for reducing emissions, the paving of unpaved roads yielded the most benefit.

Ms. Zielonka moved and Joe Gibbs, City of Phoenix, seconded to forward the rankings to the Transportation Review Committee (TRC) as information in prioritizing projects. Prior to a vote on the motion, additional discussion on the subject followed. Mr. Mittelstedt indicated that the methodology serves as a rational for establishing CMAQ priorities, but that it is not perfect and will most likely be improved in the future. Maynard Blumer, American Institute of Architects, stated that the type of projects should be under review, specifically to diminish the number of stop lights and signals under consideration.

Mr. Gibbs inquired whether the original motion was intended to submit the list as prepared without action by the AQTAC. Ms. Anderson stated that the Transportation Review Committee would be considering the recommendation from this Committee as well as the CMS score.

Mr. Berry asked about the consequences of the Committee not making any recommendation to the TRC. Lindy Bauer, MAG, responded that a recommendation from the AQTAC would rise the awareness that air quality should be considered by the TRC. The AQTAC is the prime committee that the Management Committee and Regional Council count on for air quality recommendations.

Ms. Zielonka amended her original motion to forward the prepared list and send a strong recommendation that the TRC include air quality as a priority in the prioritization of projects. David Feuerherd, Arizona Lung Association, seconded the amended motion. The motion passed unanimously.

Mr. Berry moved and Ms. Zielonka seconded to recommend that an AQTAC representative be a voting member on the TRC. The motion passed unanimously.

Ms. Anderson provided an overview of the next item, Attachment B, for a possible recommendation from the AQTAC to the TRC. The Committee was asked to rank six air quality programs for funding.

Mr. Berry sought an explanation of why no emission reductions assessments were provided for the six air quality projects. Ms. Anderson mentioned that some of the projects were not quantified since they are already committed measures in the Serious Area plans. It is important to note that federal guidance permits a qualitative statement.

Mr. Mittelstedt asked if MAG staff could indicate which programs were of highest priority. Ms. Anderson responded that the Travel Reduction Program was a key measure in the SIPs, followed by the Regional Rideshare Program. Mr. Ward indicated it was appropriate to consider contingency projects.

Mr. Blumer suggested that additional research should be done instead of 'shooting from the hip'. Ms. Bauer indicated that at times the AQTAC has been overwhelmed with research. In order to assist the Committee, MAG conducted extensive cost effectiveness studies on a wide variety of measures, a nonroad emissions inventory study, biogenics study, and air quality modeling analyses.

Mr. Feuerherd provided a tentative priority list of the six programs under consideration by the Committee. Mr. Gibbs inquired about the ozone outreach program and the impact. Ms. Alcott responded regarding the need to maintain the program throughout the summer.

Mr. Feuerherd moved and Mr. O'Donnell seconded a motion to assign priorities to the programs presented. The priority list of programs were as follows: (1) Contingency Projects; (2) Regional Rideshare Program; (3) Travel Reduction Program; (4) Ozone Outreach Program; (5) Enhanced Rideshare Program; (6) Capitol Rideshare Program.

2. Approval of the September 9, 1999 Meeting Minutes

The Committee reviewed the minutes from the September 9, 1999 meeting. Mark Ellery, Arizona Department of Weights and Measures, indicated that he had officially replaced Dennis Ehrhart on the Committee and Agenda Item number 4 should be edited accordingly. Mr. Mittelstedt moved, and Mr. Ellery seconded, and it was unanimously carried to approve the minutes with corrections from the September 9, 1999 meeting.

5. Limited Serious Area Ozone Plan

Theresa Pella, Arizona Department of Environmental Quality (ADEQ), provided a presentation outlining the efforts of ADEQ in the preparation of the Limited Serious Area Ozone Plan.

Ms. Pella reported that the area has not recorded an exceedance of the ozone standard in the past three years. As a result, ADEQ has forwarded a request to Environmental Protection Agency (EPA) that a determination of attainment be made for the Phoenix Ozone Nonattainment Area. Also, the area now falls under the May 10, 1995 guidance distributed with the agenda. The guidance indicates that for areas meeting the ozone standards, implementation plan revisions do not need to include Reasonable Further Progress or contain an attainment demonstration. The items required to be submitted were reviewed and she indicated ADEQ will be forwarding a draft document to the EPA by November 1, 1999.

Mr. O'Donnell inquired about the oxides of nitrogen (NO_x) waiver requirements in relation to the proposed new power plants in the nonattainment area.

Jo Crumbaker, Maricopa County Environmental Services Department, responded that the NO_x waiver only applied to existing power plants.

6. PM-10 Certified Street Sweeper Study Update

Mr. Cupell indicated that this item will be postponed until the next meeting.

7. Call to the Public

An opportunity was provided to members of the public to address the AQTAC. No comments were presented.

8. Next Committee Meeting

Mr. Cupell announced that the next meeting of the AQTAC was tentatively scheduled for November 10, 1999.

With no further business, the meeting was adjourned.